Title (en)

A multiprocessor data processing system.

Title (de)

Ein Multiprozessordatenverarbeitungssystem.

Title (fr)

Système de traitement de données à multiprocesseur.

Publication

EP 0234182 A1 19870902 (EN)

Application

EP 87100008 A 19870102

Priority

US 83188586 A 19860224

Abstract (en)

In a multiprocessor data processing system, the sequential access portion (31b) of a memory (31) associated with one processor (P1) is connected to the sequential access portion (41b) of a memory (41) associated with another processor (P2) in such a way, via driver/receivers (34, 44) and a channel (51a), that data can flow between the sequential access portions asynchronously of the remainder of the system. Each of the memories (31, 41) also comprises a random access portion (31a, 41a) which is accessible by its associated processor via a conventional random access port and means to transfer data between its random access portion and its sequential access portion. Data flow operations between the sequential access portions of the memories is controlled by control means (32, 42) connected to the channel and via system buses (33, 43) to the processors (P1, P2).

IPC 1-7

G06F 15/16

IPC 8 full level

G06F 15/16 (2006.01); **G06F 13/38** (2006.01); **G06F 15/17** (2006.01); **G06F 15/177** (2006.01)

CPC (source: EP KR)

G06F 15/16 (2013.01 - KR); **G06F 15/17** (2013.01 - EP); **H04L 12/28** (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0234182 A1 19870902; AR 240764 A1 19901031; BR 8700436 A 19871215; CN 1010262 B 19901031; CN 86108432 A 19870902; IN 168469 B 19910406; JP S62200448 A 19870904; KR 870008452 A 19870926; KR 900009117 B1 19901222

DOCDB simple family (application)

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